

**BRUHAT BANGALORE MAHANAGARA PALIKE****MEASUREMENT SHEET****PRE-MEASUREMENT**

Name of work:

Improvements To Roads and Drain at Thindlu, Anjaneyaswamy Layout, Basavasamithi, Virupakshapura and Surrounding Areas in ward no 09 (Vidyaranyapura).

Estimated Cost :

Rs. 80.00 Lakhs

Job Code:

009-20-000075

Head of Account :

P-0541 Emergency Reserve Fund

Name of Agency:

Sri. P. Vijaya Babu, # H No. 1504, 4th C Main, 2nd Stage, West of Cord Road, Bangalore - 560086.

Work order No:

BBMP/EE/BTP/WO/205/2020-21 Dated: 04-03-2021

Measurements Recorded on :		17-03-2021							
SI No	Description of work	Measurement						Qty	Rate / Unit
		No.	L	B1	B2	Av.,B	D		
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications								Cum
	Desilt for Drain								
	Virupakshapura Mauuthi Layout 2nd Cross								
	From Dead End to Maramma Temple Road	2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.60	0.55	9.90	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	9.00			0.45	0.45	3.65	
	Virupakshapura Mauuthi Layout 2nd 'A' Cross								
	From Dead End to Maramma Temple Road	2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	3.00			0.45	0.45	1.22	
	Virupakshapura Mauuthi Layout 3rd Cross								
	From Nipuna Cross to Maramma Temple Road	2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	9.70			0.45	0.45	3.93	
	Virupakshapura Mauuthi Layout 3rd 'A' Cross								
	From Dead End to Maramma Temple Road	2	15.00			0.45	0.45	6.08	

158.41

SI No	Description of work	Measurement						Qty	Rate / Unit
		No.	L	B1	B2	Av.,B	D		
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	13.00			0.45	0.45	5.27	
	Virupakshapura Mauuthi Layout 4th Cross								
	Apartment to Maramma Temple Road	2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	4.30			0.45	0.45	1.74	
	Virupakshapura Mauuthi Layout 4th 'A' Cross								
	Dead End to Maramma Temple Road	2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	6.70			0.45	0.45	2.71	
	Virupakshapura Mauuthi Layout 5th 'A' Cross								
	Dead End to Maramma Temple Road	2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	16.50			0.45	0.45	6.68	
	Virupakshapura Ganakal Rajanna Garden 6th 'A' Cross								
		2	15.00			0.45	0.45	6.08	
		2	15.00			0.45	0.45	6.08	
		2	16.50			0.45	0.45	6.68	
	Berm Cutting								
	Virupakshapura Mauuthi Layout 2nd Cross								
	From Dead End to Maramma Temple Road	2	15.00			0.85	0.25	12.75	
		2	15.00			0.60	0.20	7.20	
		2	15.00			0.75	0.15	6.75	
		2	15.00			0.60	0.25	9.00	
		2	15.00			0.45	0.20	5.40	
		2	15.00			0.60	0.20	7.20	
		2	15.00			0.70	0.15	6.30	
		2	9.00			0.60	0.20	4.32	
	Virupakshapura Mauuthi Layout 2nd 'A' Cross								
	From Dead End to Maramma Temple Road	2	15.00			0.65	0.15	5.85	
		2	15.00			0.70	0.25	10.50	
		2	15.00			0.65	0.20	7.80	
		2	15.00			0.70	0.20	8.40	
		2	15.00			0.60	0.15	5.40	

Assistant Engineer
Virupakshapura Sub Division
BBMP Bangalore - 97

436.32

SI No	Description of work	Measurement						Qty	Rate / Unit
		No.	L	B1	B2	Av.,B	D		
		2	15.00			0.60	0.20	7.20	436.32
		2	15.00			0.70	0.25	10.50	
		2	3.00			0.65	0.20	0.78	
	Virupakshapura Mauuthi Layout 3rd Cross								
	From Nipuna Cross to Maramma Temple Road	2	15.00			0.75	0.20	4.50	
		2	15.00			0.60	0.15	2.70	
		2	15.00			0.70	0.20	4.20	
		2	15.00			0.65	0.25	4.88	
		2	15.00			0.75	0.20	4.50	
		2	15.00			0.65	0.25	4.88	
		2	15.00			0.60	0.25	4.50	
		2	15.00			0.50	0.15	2.25	
		2	15.00			0.65	0.25	4.88	
		2	9.70			0.70	0.20	2.72	
	Virupakshapura Mauuthi Layout 3rd 'A' Cross								
	From Dead End to Maramma Temple Road	2	15.00			0.65	0.15	2.93	
		2	15.00			0.75	0.20	4.50	
		2	15.00			0.60	0.25	4.50	
		2	15.00			0.60	0.20	3.60	
		2	15.00			0.65	0.15	2.93	
		2	15.00			0.70	0.25	5.25	
		2	15.00			0.60	0.20	3.60	
		2	13.00			0.65	0.15	2.54	
	Virupakshapura Mauuthi Layout 4th Cross								
	Apartment to Maramma Temple Road	2	15.00			0.65	0.15	2.93	
		2	15.00			0.70	0.20	4.20	
		2	15.00			0.60	0.15	2.70	
		2	15.00			0.60	0.25	4.50	
		2	15.00			0.50	0.15	2.25	
		2	15.00			0.65	0.20	3.90	
		2	15.00			0.60	0.25	4.50	
		2	4.30			0.60	0.15	0.77	
	Virupakshapura Mauuthi Layout 4th 'A' Cross								
	Dead End to Maramma Temple Road	2	15.00			0.60	0.25	4.50	
		2	15.00			0.75	0.20	4.50	
		2	15.00			0.60	0.20	3.60	
		2	15.00			0.60	0.15	2.70	
		2	15.00			0.75	0.20	4.50	
		2	15.00			0.60	0.20	3.60	
		2	15.00			0.60	0.15	2.70	
		2	15.00			0.75	0.25	5.63	
		2	6.70			0.65	0.20	1.74	
	Virupakshapura Mauuthi Layout 5th 'A' Cross								
	Dead End to Maramma Temple Road	2	15.00			0.65	0.25	4.88	
		2	15.00			0.70	0.20	4.20	
		2	15.00			0.60	0.20	3.60	
		2	16.50			0.75	0.15	3.71	
	Virupakshapura Ganakal Rajanna Garden 6th 'A' Cross								
		2	15.00			0.60	0.15	2.70	
		2	15.00			0.65	0.20	3.90	
		2	16.50			0.60	0.15	2.97	

609.87

SI No	Description of work	Measurement						Qty	Rate / Unit
		No.	L	B1	B2	Av.,B	D		
				Total Qty =				609.80	
				Qty Limited to =				605.75	


Assistant Engineer
Ward No. 09


Assistant Executive Engineer
Vidyaranya Sub Division
BBMP, Bangalore - 97

SI No	Description of work	Measurement						Qty	Rate / Unit
		No.	L	B1	B2	Av.,B	D		
Measurements Recorded on : 22-03-2021									
2	Removing and refixing stone slabs of drains and pointing in CM (1:3)								Sqm
	BS Drain Slab								
	Virupakshapura Mauuthi Layout 2nd Cross								
	From Dead End to Maramma Temple Road	1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	9.00			1.35		12.15	
	Virupakshapura Mauuthi Layout 2nd 'A' Cross								
	From Dead End to Maramma Temple Road	1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	3.00			1.35		4.05	
	Virupakshapura Mauuthi Layout 3rd Cross								
	From Nipuna Cross to Maramma Temple Road	1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	9.70			1.35		13.10	
	Virupakshapura Mauuthi Layout 3rd 'A' Cross								
	From Dead End to Maramma Temple Road	1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	13.00			1.35		17.55	
	Virupakshapura Mauuthi Layout 4th Cross								
	Apartment to Maramma Temple Road	1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	15.00			1.35		20.25	
		1	4.30			1.35		5.81	
	Virupakshapura Mauuthi Layout 4th 'A' Cross								
	Dead End to Maramma Temple Road	1	15.00			1.35		20.25	

22-03-2024
 Assistant Executive Sub Di
 Virupakshapura Sub Di
 Bangalore.

822.15

20.25	
20.25	
20.25	
22.28	
40.50	
20.25	
22.28	
1139.00	
1134.00	

Assistant Executive Engineer
Vidyaranyapura Sub Division

SI No	Description of work	No.	L	Measurement				Qty	Rate / Unit
				B1	B2	Av.,B	D		
Measurements Recorded on : 31-03-2021									
4	Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications.MORTH Specification								Cum
For Flagging Course Coping									
Virupakshapura Mauuthi Layout 2nd Cross									
From Dead End to Maramma Temple Road		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	9.00			0.30	0.15	1.62	
Virupakshapura Mauuthi Layout 2nd 'A' Cross									
From Dead End to Maramma Temple Road		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	3.00			0.30	0.15	0.54	
Virupakshapura Mauuthi Layout 3rd Cross									
From Nipuna Cross to Maramma Temple Road		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	9.70			0.30	0.15	1.75	
Virupakshapura Mauuthi Layout 3rd 'A' Cross									
From Dead End to Maramma Temple Road		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	13.00			0.30	0.15	2.34	
Virupakshapura Mauuthi Layout 4th Cross									

87.25

SI No	Description of work	Measurement						Qty	Rate / Unit
		No.	L	B1	B2	Av.,B	D		
	Apartment to Maramma Temple Road	2x2	15.00			0.30	0.15	2.70	87.24
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	4.30			0.30	0.15	0.77	
	Virupakshapura Mauuthi Layout 4th 'A' Cross								
	Dead End to Maramma Temple Road	2x2	15.00			0.30	0.15	2.70	2.70
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	6.70			0.30	0.15	1.21	
	Virupakshapura Mauuthi Layout 5th 'A' Cross								
	Dead End to Maramma Temple Road	2x2	15.00			0.30	0.15	2.70	2.70
		2x2	15.00			0.30	0.15	2.70	
		2x2	15.00			0.30	0.15	2.70	
		2x2	16.50			0.30	0.15	2.97	
	Virupakshapura Ganakal Rajanna Garden 6th 'A' Cross								
		2x2	15.00			0.30	0.15	2.70	2.70
		2x2	15.00			0.30	0.15	2.70	
		2x2	16.50			0.30	0.15	2.97	
				Total Qty =				149.17	
				Qty Limited to =				146.34	

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division

SI No	Description of work	Measurement						Qty	Rate / Unit
		No.	L	B1	B2	Av.,B	D		
Measurements Recorded on : 08-04-2021									
5	Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not less than 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 conforming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications								Sqm
For Flagging Course									
Virupakshapura Mauuthi Layout 2nd Cross									
From Dead End to Maramma Temple Road		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	9.00			0.40		14.40	
Virupakshapura Mauuthi Layout 2nd 'A' Cross									
From Dead End to Maramma Temple Road		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	3.00			0.40		4.80	
Virupakshapura Mauuthi Layout 3rd Cross									
From Nipuna Cross to Maramma Temple Road		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	9.70			0.40		15.52	
Virupakshapura Mauuthi Layout 3rd 'A' Cross									
From Dead End to Maramma Temple Road		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	15.00			0.40		24.00	
		2x2	13.00			0.40		20.80	
Virupakshapura Mauuthi Layout 4th Cross									

As per the Executive Engineer
Virupakshapura Sub Division
Bengaluru

775.5

24.00
24.00
24.00
24.00
10.72
24.00
24.00
24.00
26.40

Assistant Executive Engineer
Vidyaranyapura Sub Division

SI No	Description of work	Measurement						Qty	Rate / Unit
		No.	L	B1	B2	Av.,B	D		
	Measurements Recorded on :	05-05-2021							
6	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggretes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications.								Cum
	For Flagging Course Coping								
	Virupakshapura Mauuthi Layout 2nd Cross								
	From Dead End to Maramma Temple Road	2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	9.00			0.20	0.10	0.72	
	Virupakshapura Mauuthi Layout 2nd 'A' Cross								
	From Dead End to Maramma Temple Road	2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	3.00			0.20	0.10	0.24	
	Virupakshapura Mauuthi Layout 3rd Cross								
	From Nipuna Cross to Maramma Temple Road	2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	9.70			0.20	0.10	0.78	
	Virupakshapura Mauuthi Layout 3rd 'A' Cross								
	From Dead End to Maramma Temple Road	2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	13.00			0.20	0.10	1.04	
	Virupakshapura Mauuthi Layout 4th Cross								

38.78

38.78

SI No	Description of work	Measurement						Qty	Rate / Unit
		No.	L	B1	B2	Av.,B	D		
	Apartment to Maramma Temple Road	2x2	15.00			0.20	0.10	1.20	38.78
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	4.30			0.20	0.10	0.34	
	Virupakshapura Mauuthi Layout 4th 'A' Cross								
	Dead End to Maramma Temple Road	2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	6.70			0.20	0.10	0.54	
	Virupakshapura Mauuthi Layout 5th 'A' Cross								
	Dead End to Maramma Temple Road	2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	16.50			0.20	0.10	1.32	
	Virupakshapura Ganakal Rajanna Garden 6th 'A' Cross								
		2x2	15.00			0.20	0.10	1.20	
		2x2	15.00			0.20	0.10	1.20	
		2x2	16.50			0.20	0.10	1.32	
		Total Qty =						66.30	
		Qty Limited to =						65.04	

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division

SI No	Description of work	Mesurement						Qty	Rate / Unit
		No.	L	B1	B2	Av.,B	D		
Measurements Recorded on : 12-05-2021									
8	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km lead								Cum
	Road cutting portion								
	Virupakshapura Mauuthi Layout 2nd Cross								
	From Dead End to Maramma Temple Road	1	15.00	1.20	1.35	1.28	0.15	4.65	
		1	15.00	1.35	1.25	1.30	0.15	4.94	
		1	15.00	1.25	1.40	1.33	0.15	5.22	
		1	15.00	1.40	1.50	1.45	0.15	6.85	
		1	15.00	1.50	1.25	1.38	0.15	5.80	
		1	15.00	1.25	1.30	1.28	0.15	4.66	
		1	15.00	1.30	1.25	1.28	0.15	4.66	
		1	9.00	1.25	1.30	1.28	0.15	2.80	
	Virupakshapura Mauuthi Layout 2nd 'A' Cross								
	From Dead End to Maramma Temple Road	1	15.00	1.30	1.20	1.25	0.15	4.39	
		1	15.00	1.20	1.10	1.15	0.15	3.42	
		1	15.00	1.25	1.20	1.23	0.15	4.13	
		1	15.00	1.20	1.50	1.35	0.15	5.47	
		1	15.00	1.50	1.30	1.40	0.15	6.14	
		1	15.00	1.30	1.25	1.28	0.15	4.66	
		1	15.00	1.25	1.30	1.28	0.15	4.66	
		1	3.00	1.30	1.25	1.28	0.15	0.93	
	Virupakshapura Mauuthi Layout 3rd Cross								
	From Nipuna Cross to Maramma Temple Road	1	15.00	1.25	1.30	1.28	0.15	4.66	
		1	15.00	1.30	1.20	1.25	0.15	4.39	
		1	15.00	1.20	1.30	1.25	0.15	4.39	
		1	15.00	1.30	1.50	1.40	0.15	6.14	
		1	15.00	1.50	1.20	1.35	0.15	5.47	
		1	15.00	1.20	1.30	1.25	0.15	4.39	
		1	15.00	1.30	1.25	1.28	0.15	4.66	
		1	15.00	1.25	1.30	1.28	0.15	4.66	
		1	15.00	1.30	1.25	1.28	0.15	4.66	
		1	9.70	1.25	1.10	1.18	0.15	2.35	
	Virupakshapura Mauuthi Layout 3rd 'A' Cross								
	From Dead End to Maramma Temple Road	1	15.00	1.30	1.25	1.28	0.10	3.11	
		1	15.00	1.25	1.30	1.28	0.10	3.11	
		1	15.00	1.30	1.50	1.40	0.10	4.10	
		1	15.00	1.50	1.50	1.50	0.10	5.06	
		1	15.00	1.50	1.30	1.40	0.10	4.10	
		1	15.00	1.30	1.25	1.28	0.10	3.11	
		1	15.00	1.25	1.30	1.28	0.10	3.11	
		1	13.00	1.30	1.25	1.28	0.10	2.69	
	Virupakshapura Mauuthi Layout 4th Cross								
	Apartment to Maramma Temple Road	1	15.00	1.30	1.20	1.25	0.10	2.93	
		1	15.00	1.20	1.30	1.25	0.10	2.93	
		1	15.00	1.30	1.50	1.40	0.10	4.10	
		1	15.00	1.50	1.50	1.50	0.10	5.06	
		1	15.00	1.50	1.20	1.35	0.10	3.65	
		1	15.00	1.20	1.20	1.20	0.10	2.59	
		1	15.00	1.30	1.25	1.28	0.10	3.11	
		1	4.30	1.25	1.30	1.28	0.10	0.89	

172.77



SI No	Description of work	No.	Measurement					Qty	Rate / Unit
			L	B1	B2	Av.,B	D		
Measurements Recorded on : 25-03-2024									
9	Providing, laying, spreading and compacting cushioned stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications								Cum
Road cutting portion									
Virupakshapura Mauuthi Layout 2nd Cross									
From Dead End to Maramma Temple Road									
		1	15.00	1.20	1.35	1.28	0.15	4.65	
		1	15.00	1.35	1.25	1.30	0.15	4.94	
		1	15.00	1.25	1.40	1.33	0.15	5.22	
		1	15.00	1.40	1.50	1.45	0.15	6.85	
		1	15.00	1.50	1.25	1.38	0.15	5.80	
		1	15.00	1.25	1.30	1.28	0.15	4.66	
		1	15.00	1.30	1.25	1.28	0.15	4.66	
		1	9.00	1.25	1.30	1.28	0.15	2.80	
Virupakshapura Mauuthi Layout 2nd 'A' Cross									
From Dead End to Maramma Temple Road									
		1	15.00	1.30	1.20	1.25	0.15	4.39	
		1	15.00	1.20	1.10	1.15	0.15	3.42	
		1	15.00	1.25	1.20	1.23	0.15	4.13	
		1	15.00	1.20	1.50	1.35	0.15	5.47	
		1	15.00	1.50	1.30	1.40	0.15	6.14	
		1	15.00	1.30	1.25	1.28	0.15	4.66	
		1	15.00	1.25	1.30	1.28	0.15	4.66	
		1	3.00	1.30	1.25	1.28	0.15	0.93	
Virupakshapura Mauuthi Layout 3rd Cross									
From Nipuna Cross to Maramma Temple Road									
		1	15.00	1.25	1.30	1.28	0.15	4.66	
		1	15.00	1.30	1.20	1.25	0.15	4.39	
		1	15.00	1.20	1.30	1.25	0.15	4.39	
		1	15.00	1.30	1.50	1.40	0.15	6.14	
		1	15.00	1.50	1.20	1.35	0.15	5.47	
		1	15.00	1.20	1.30	1.25	0.15	4.39	
		1	15.00	1.30	1.25	1.28	0.15	4.66	
		1	15.00	1.25	1.30	1.28	0.15	4.66	
		1	15.00	1.30	1.25	1.28	0.15	4.66	
		1	9.70	1.25	1.10	1.18	0.15	2.35	
Virupakshapura Mauuthi Layout 3rd 'A' Cross									
From Dead End to Maramma Temple Road									
		1	15.00	1.30	1.25	1.28	0.15	4.66	
		1	15.00	1.25	1.30	1.28	0.15	4.66	
		1	15.00	1.30	1.50	1.40	0.15	6.14	
		1	15.00	1.50	1.50	1.50	0.15	7.59	
		1	15.00	1.50	1.30	1.40	0.15	6.14	
		1	15.00	1.30	1.25	1.28	0.15	4.66	
		1	15.00	1.25	1.30	1.28	0.15	4.66	
		1	13.00	1.30	1.25	1.28	0.15	4.04	
Virupakshapura Mauuthi Layout 4th Cross									
Apartment to Maramma Temple Road									
		1	15.00	1.30	1.20	1.25	0.15	4.39	
		1	15.00	1.20	1.30	1.25	0.15	4.39	
		1	15.00	1.30	1.50	1.40	0.15	6.14	
		1	15.00	1.50	1.50	1.50	0.15	7.59	
		1	15.00	1.50	1.20	1.35	0.15	5.47	
		1	15.00	1.20	1.20	1.20	0.15	3.89	
		1	15.00	1.30	1.25	1.28	0.15	4.66	
		1	4.30	1.25	1.30	1.28	0.15	1.34	

Assistant Executive Engineer
Virupakshapura Sub Division
BBMP, Bangalore - 97

109.50

Assistant Executive Engineer
Vidyaranyapura Sub Division

SI No	Description of work	Measurement						Qty	Rate / Unit
		No.	L	B1	B2	Av.,B	D		

Measurements Recorded on : 16-04-2022

10 Providing and applying **primer coat** with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of

Sqm

Virupakshapura Mauuthi Layout 2nd Cross									
From Dead End to Maramma Temple Road									
1	15.00	1.20	1.35	1.28				19.13	
1	15.00	1.35	1.25	1.30				19.50	
1	15.00	1.25	1.40	1.33				19.88	
1	15.00	1.40	1.50	1.45				21.75	
1	15.00	1.50	1.25	1.38				20.63	
1	15.00	1.25	1.30	1.28				19.13	
1	15.00	1.30	1.25	1.28				19.13	
1	9.00	1.25	1.30	1.28				11.48	
Virupakshapura Mauuthi Layout 2nd 'A' Cross									
From Dead End to Maramma Temple Road									
1	15.00	1.30	1.20	1.25				18.75	
1	15.00	1.20	1.10	1.15				17.25	
1	15.00	1.25	1.20	1.23				18.38	
1	15.00	1.20	1.50	1.35				20.25	
1	15.00	1.50	1.30	1.40				21.00	
1	15.00	1.30	1.25	1.28				19.13	
1	15.00	1.25	1.30	1.28				19.13	
1	3.00	1.30	1.25	1.28				3.83	
Virupakshapura Mauuthi Layout 3rd Cross									
From Nipuna Cross to Maramma Temple Road									
1	15.00	1.25	1.30	1.28				19.13	
1	15.00	1.30	1.20	1.25				18.75	
1	15.00	1.20	1.30	1.25				18.75	
1	15.00	1.30	1.50	1.40				21.00	
1	15.00	1.50	1.20	1.35				20.25	
1	15.00	1.20	1.30	1.25				18.75	
1	15.00	1.30	1.25	1.28				19.13	
1	15.00	1.25	1.30	1.28				19.13	
1	15.00	1.30	1.25	1.28				19.13	
1	9.70	1.25	1.10	1.18				11.40	
Virupakshapura Mauuthi Layout 3rd 'A' Cross									
From Dead End to Maramma Temple Road									
1	15.00	1.30	1.25	1.28				19.13	
1	15.00	1.25	1.30	1.28				19.13	
1	15.00	1.30	1.50	1.40				21.00	
1	15.00	1.50	1.50	1.50				22.50	
1	15.00	1.50	1.30	1.40				21.00	
1	15.00	1.30	1.25	1.28				19.13	
1	15.00	1.25	1.30	1.28				19.13	
1	13.00	1.30	1.25	1.28				16.58	
Virupakshapura Mauuthi Layout 4th Cross									
Apartment to Maramma Temple Road									
1	15.00	1.30	1.20	1.25				18.75	
1	15.00	1.20	1.30	1.25				18.75	
1	15.00	1.30	1.50	1.40				21.00	
1	15.00	1.50	1.50	1.50				22.50	
1	15.00	1.50	1.20	1.35				20.25	
1	15.00	1.20	1.20	1.20				18.00	
1	15.00	1.30	1.25	1.28				19.13	
1	4.30	1.25	1.30	1.28				5.48	
Virupakshapura Mauuthi Layout 4th 'A' Cross									

Assisted Executive Engineer
Virupakshapura Sub Division
BBMP, Bangalore - 5

275.13

Assistant Executive Engineer
Vidyaranyapura Sub Division

SI No	Description of work	Measurement						Qty	Rate / Unit
		No.	L	B1	B2	Av.,B	D		
Measurements Recorded on : 16-04-2022									
11	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revision using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen								Cum
Virupakshapura Mauuthi Layout 2nd Cross									
From Dead End to Maramma Temple Road									
		1	15.00	1.20	1.35	1.28	0.05	0.96	
		1	15.00	1.35	1.25	1.30	0.05	0.98	
		1	15.00	1.25	1.40	1.33	0.05	0.99	
		1	15.00	1.40	1.50	1.45	0.05	1.09	
		1	15.00	1.50	1.25	1.38	0.05	1.03	
		1	15.00	1.25	1.30	1.28	0.05	0.96	
		1	15.00	1.30	1.25	1.28	0.05	0.96	
		1	9.00	1.25	1.30	1.28	0.05	0.57	
Virupakshapura Mauuthi Layout 2nd 'A' Cross									
From Dead End to Maramma Temple Road									
		1	15.00	1.30	1.20	1.25	0.05	0.94	
		1	15.00	1.20	1.10	1.15	0.05	0.86	
		1	15.00	1.25	1.20	1.23	0.05	0.92	
		1	15.00	1.20	1.50	1.35	0.05	1.01	
		1	15.00	1.50	1.30	1.40	0.05	1.05	
		1	15.00	1.30	1.25	1.28	0.05	0.96	
		1	15.00	1.25	1.30	1.28	0.05	0.96	
		1	3.00	1.30	1.25	1.28	0.05	0.19	
Virupakshapura Mauuthi Layout 3rd Cross									
From Nipuna Cross to Maramma Temple Road									
		1	15.00	1.25	1.30	1.28	0.05	0.96	
		1	15.00	1.30	1.20	1.25	0.05	0.94	
		1	15.00	1.20	1.30	1.25	0.05	0.94	
		1	15.00	1.30	1.50	1.40	0.05	1.05	
		1	15.00	1.50	1.20	1.35	0.05	1.01	
		1	15.00	1.20	1.30	1.25	0.05	0.94	
		1	15.00	1.30	1.25	1.28	0.05	0.96	
		1	15.00	1.25	1.30	1.28	0.05	0.96	
		1	15.00	1.30	1.25	1.28	0.05	0.96	
		1	9.70	1.25	1.10	1.18	0.05	0.57	
Virupakshapura Mauuthi Layout 3rd 'A' Cross									
From Dead End to Maramma Temple Road									
		1	15.00	1.30	1.25	1.28	0.05	0.96	
		1	15.00	1.25	1.30	1.28	0.05	0.96	
		1	15.00	1.30	1.50	1.40	0.05	1.05	
		1	15.00	1.50	1.50	1.50	0.05	1.13	
		1	15.00	1.50	1.30	1.40	0.05	1.05	
		1	15.00	1.30	1.25	1.28	0.05	0.96	
		1	15.00	1.25	1.30	1.28	0.05	0.96	
		1	13.00	1.30	1.25	1.28	0.05	0.83	
Virupakshapura Mauuthi Layout 4th Cross									
Apartment to Maramma Temple Road									
		1	15.00	1.30	1.20	1.25	0.05	0.94	
		1	15.00	1.20	1.30	1.25	0.05	0.94	
		1	15.00	1.30	1.50	1.40	0.05	1.05	
		1	15.00	1.50	1.50	1.50	0.05	1.13	
		1	15.00	1.50	1.20	1.35	0.05	1.01	
		1	15.00	1.20	1.20	1.20	0.05	0.90	
		1	15.00	1.30	1.25	1.28	0.05	0.96	
		1	4.30	1.25	1.30	1.28	0.05	0.27	

SI No	Description of work	Measurement						Qty	Rate / Unit
		No.	L	B1	B2	Av.,B	D		
	Virupakshapura Mauuthi Layout 4th 'A' Cross								
	Dead End to Maramma Temple Road	1	15.00	1.30	1.20	1.25	0.05	0.94	38.76
		1	15.00	1.20	1.25	1.23	0.05	0.92	
		1	15.00	1.25	1.30	1.28	0.05	0.96	
		1	15.00	1.30	1.50	1.40	0.05	1.05	
		1	15.00	1.50	1.40	1.45	0.05	1.09	
		1	15.00	1.40	1.30	1.35	0.05	1.01	
		1	15.00	1.30	1.25	1.28	0.05	0.96	
		1	15.00	1.25	1.30	1.28	0.05	0.96	
		1	6.70	1.30	1.25	1.28	0.05	0.43	
	Virupakshapura Mauuthi Layout 5th 'A' Cross								
	Dead End to Maramma Temple Road	1	15.00	1.20	1.30	1.25	0.05	0.94	
		1	15.00	1.30	1.25	1.28	0.05	0.96	
		1	15.00	1.25	1.30	1.28	0.05	0.96	
		1	16.50	1.30	1.25	1.28	0.05	1.05	
			Total Qty =						50.96
			Qty Limited to =						50.81


Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division

SI No	Description of work	Measurement						Qty	Rate / Unit
		No.	L	B1	B2	Av.,B	D		
Measurements Recorded on : 18-04-2022									
12	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications.								Sqm
Virupakshapura Mauuthi Layout 2nd Cross									
	From Dead End to Maramma Temple Road	1	15.00	4.50	4.80	4.65		69.75	
		1	15.00	4.80	5.80	5.30		79.50	
		1	15.00	5.80	4.20	5.00		75.00	
		1	15.00	4.20	4.10	4.15		62.25	
		1	15.00	4.10	5.30	4.70		70.50	
		1	15.00	5.30	5.60	5.45		81.75	
		1	15.00	5.60	5.60	5.60		84.00	
		1	9.00	5.60	5.70	5.65		50.85	
Virupakshapura Mauuthi Layout 2nd 'A' Cross									
	From Dead End to Maramma Temple Road	1	15.00	5.70	5.70	5.70		85.50	
		1	15.00	5.70	5.90	5.80		87.00	
		1	15.00	5.90	5.40	5.65		84.75	
		1	15.00	5.40	5.40	5.40		81.00	
		1	15.00	5.40	5.55	5.48		82.13	
		1	15.00	5.55	5.70	5.63		84.38	
		1	15.00	5.70	5.95	5.83		87.38	
		1	3.00	5.95	6.00	5.98		17.93	
Virupakshapura Mauuthi Layout 3rd Cross									
	From Nipuna Cross to Maramma Temple Road	1	15.00	6.20	6.50	6.35		95.25	
		1	15.00	6.50	6.40	6.45		96.75	
		1	15.00	6.40	5.90	6.15		92.25	
		1	15.00	5.90	5.50	5.70		85.50	
		1	15.00	5.50	5.50	5.50		82.50	
		1	15.00	5.50	5.50	5.50		82.50	
		1	15.00	5.50	5.50	5.50		82.50	
		1	15.00	5.50	5.70	5.60		84.00	
		1	15.00	5.70	5.10	5.40		81.00	
		1	9.70	5.10	5.70	5.40		52.38	
Virupakshapura Mauuthi Layout 3rd 'A' Cross									
	From Dead End to Maramma Temple Road	1	15.00	6.20	5.90	6.05		90.75	
		1	15.00	5.90	5.20	5.55		83.25	
		1	15.00	5.20	4.20	4.70		70.50	
		1	15.00	4.20	5.00	4.60		69.00	
		1	15.00	5.00	4.70	4.85		72.75	
		1	15.00	4.70	4.70	4.70		70.50	
		1	15.00	4.70	5.80	5.25		78.75	
		1	13.00	5.80	5.20	5.50		71.50	
Virupakshapura Mauuthi Layout 4th Cross									
	Apartment to Maramma Temple Road	1	15.00	6.90	4.80	5.85		87.75	
		1	15.00	4.80	4.90	4.85		72.75	

Assistant Executive Engineer
Vidyanagara Sub Division
Bangalore - 9

2785-78

Assistant Executive Officer
Vidyapada Prasthuta Sanstha, Bangalore

Time	Price (INR)
10:00	35.85
10:05	58.50
10:10	63.75
10:15	66.75
10:20	75.08
10:25	-2.16
10:30	-4.86
10:35	4146.12
10:40	4065.00

Assistant Executive Engineer
Vidyaranyapura Sub Division